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## GS1net Data Upload Options

In total, there are four methods of entering product and price data into GS1net. Two methods are manual and two are automated / integrated. With the exception of the online GUI web interface, all methods include data validation. Please note that the online GUI web interface is not recommended and for some industries, such as healthcare, is not a valid method.

You will need to determine the best upload method for your initial load, which may not be the best option for ongoing maintenance. Each option below is described to help you ascertain whether it would suit your circumstances. Things to consider are: number of products to load and maintain, cost, level of integration with other internal IT systems, your ability to provide consistently high quality timely and accurate data.

Some options refer you to user guides that are external to this document.

Manual Data Upload methods are:

- Online - via the Graphical User Interface (GUI)
- GS1net Browser Template

Automated/Integrated Data Upload methods are:

- GS1net Certified Product
- In-house developed upload files

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### Online - via Graphical User Interface (GUI)



***This option bypasses the business data validation rules and is not valid for some industries. This option is not recommended.***

This option bypasses the business validation rules which can mean your data may inadvertently be of lower quality than those suppliers using the other upload options. The onus is on you to ensure you have complied with the business validation rules to ensure your customers can rely on the quality of your data.

**Process Overview:** Login to GS1net, add new products and prices, save.



**After 30 minutes of inactivity, you will be logged out of the system.**

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### GS1net Browser Template

The GS1net Browser Template (BT) Service is provided as a cost effective entry method for uploading and maintaining data on GS1net. Data is entered into the BT worksheets. The BT is primarily a Microsoft Excel spreadsheet, pre-populated with GS1net data attribute headers. Functionality associated with and built into the spreadsheet allows a user to both import and generate a GS1net Delimited Data File (DDF). Once generated, a user can then upload their Item and Price DDF to GS1net via the GS1net Validator. Please note that in order to use the BT as a data upload tool, users must have a current subscription (fees apply) to the GS1net Browser Template Service.

GS1net Browser Template users should consider using one of the GS1net certified products, see section “GS1net Certified Products” below.

For more information on the GS1net Browser Template Service and User Guide go to the ‘GS1net Data Loading Tool’ section within the ‘GS1net™ - Data Synchronisation Service’ web page.

The GS1net Browser Template User Guide (BT) contains the instructions to install and use the BT and the steps required to upload the Delimited Data File (DDF) produced by the BT into GS1net via the GS1net Validator.



Confirm your data has loaded by checking your Data Load Status Report - see section **Confirm your Upload – Data Load Status Report (DLSR)**

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## GS1net Certified Products

Your company should decide on a sustainable method of uploading and maintaining data onto your GS1net catalogue on an ongoing basis. Certified product providers can assist with this. GS1net uploads are supported by an extensive group of GS1net Certified Product providers; GS1 Australia recommends that suppliers use a ‘Certified Product’.

Refer to the link below for a list of GS1net Certified Products:

[http://www.gs1au.org/services/gs1net/certification\\_program/certified\\_products.asp](http://www.gs1au.org/services/gs1net/certification_program/certified_products.asp).

For further information regarding the GS1net Certified program, refer to:

[http://www.gs1au.org/services/gs1net/certification\\_program/](http://www.gs1au.org/services/gs1net/certification_program/).

GS1 Australia recommend all suppliers to seriously consider using one of the GS1net Certified Products.

**Process Overview:** This will vary depending upon the GS1net Certified Product, but in essence, you will:

- populate your certified product, usually automated from backend systems
- automatically validate your data locally in the certified product, including any additional validations your company has added beyond those for GS1net.
- GS1net Certified Product will connect to GS1net, load your data via the GS1net validator and display the resultant load success.

This option requires a connection via: **AS2, HTTP/s, or FTP** which attract additional fees. Usually it will be your Certified Product provider who arranges the connection and may bundle the cost into the overall service.

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## In - house developed

Alternatively, your company can create your own DDF or GS1 XML files and then send it to GS1net via an AS2, FTP or HTTP/s connection.

Please note that this can be a higher-maintenance option.



**To discuss this approach, please contact the GS1net Technical department. GS1 Professional Services may be engaged to assist and/or project manage your in-house development project.**



A full catalogue extract should not be uploaded every time. Only upload item and price records that are either new or have been modified. Uploading a full catalogue every time will generate unwanted updates for your trading partners.

GS1net Certified Solution ensure this does not occur by comparing extracted records against the last successful upload. Only new or modified records are then uploaded to GS1net.

In-house development requires a connection via: **AS2**, **HTTP/s**, or **FTP**. For more information on:

- connectivity options and costs
- message formats
- sample messages

Refer to the 'GS1net Developers & Certified Product Providers' section within the 'GS1net™ - Data Synchronisation Service' web page.

For information regarding the GS1net Validator and associated Business Validation Rules, refer to 'Validating Data' within the 'Supporting User Guides' section within the 'GS1net™ - Data Synchronisation Service' web page.